•		o 11+10. Flavel	Project Name/Location:				Contract Number: W9127N-05-C-0012			
Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel Date: 07/04/2005				John Cannon (COE) present during testing.						
Dredging S	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)			
Load Number D)R-1	19.7	8:22:06	7337746.29	938638.41	4.6				
Load 444 D)R-2	19.1	8:23:50	7337121.92	939060.26	15.8	9.0			
Tidal Stage)R-2R1	19.3	8:23:55	7337109.52	939066.87	11.8	9.0			
Ebb D)R-4	19.4	8:25:40	7336457.82	939441.23	7.2				
Dredge State:	DR-3	19.1	8:28:16	7337793.82	939263.03	4.6				
Overflow through										
skimmers only										
<u>Weather:</u>										
Overcast										
<u>Wind:</u>										
0-5 kts										
<u>Seas:</u>										
0'-1'										
Disposal location										
Columbia River DWS				T						
Remarks:				Action Taken:						
Test DR-2 out of complian	nce, taken in the	e plume.		Re-test DR-2R1 was tal						
				Dredge moved away fro		non-compliance occ	urred			
				while continuing dredging	ig.					
Sample Point Key All Tests Conducted With YSI 6600						Turbidity Compliance	DO Compliance			
	Background - 100' Up Current, Within 600-Foot of Channel									
	100' Down Current					OR	OR, WA			
DR-3 30	300' Radially from point of dredge (Port or Starboard)					WA	Not Required			
DR-4 90	900' Down Current from point of dredging					WA	Not Required			
Rx In	ndicates a Re-T	est where (x)	is the Re-T	est number for that partic	cular point					

Project Name/Location:					Contract Nu	ntract Number: W9127N-05-C-0012			
Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel									
Date: 07/04/2005				John Cannon (COE) contacted at 13:05.					
Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)		
Load Number	DR-1	20.3	12:34:48	7339900.67	937926.9	2.7			
Load 445	DR-4	20.5	12:38:18	7341240.38	937833.95	8.0			
Tidal Stage	DR-2	19.3	12:41:09	7339650.94	938016.52	19.5	9.0		
Flood	DR-2R1	19.6	12:41:13	7339659.12	938010.1	18.5	8.9		
Dredge State:	DR-3	19.4	12:43:14	7339034.97	938638.73	3.1			
Overflow through									
skimmers only									
Weather:									
Clear									
Wind:									
0-5 kts									
Seas:									
0'-1'									
Disposal location									
Columbia River DWS				_					
Remarks:				Action Taken:					
Test DR-2 out of compl				Re-test DR-2R1 was tal					
Test DR-4 out of compl	iance, taken in th	e plume.		Re-test for DR-4 could not be taken due to traffic.					
				Dredge moved away from area where the non-compliance occurred					
while continuing dredging.									
Comple Daint Ver	All Tooto Cond	untod Mith \	/CI CC00			Total Salita Occasion Pro	DO Oceanities		
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance		
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					0.5	OD 14/4		
DR-2	100' Down Current					OR VAZA	OR, WA		
DR-3	300' Radially from point of dredge (Port or Starboard)					WA	Not Required		
DK-4	DR-4 900' Down Current from point of dredging					WA	Not Required		
Rx Indicates a Re-Test where (x) is the Re-Test number for that particular point									
Rx	indicates a Re-	est where (x) is the Re-T	est number for that partic	cular point				

Project Name/Location:				Contract Number: W9127N-05-C-0012				
Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel Date: 07/04/2005				John Cannon (COE) contacted at 17:05.				
Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)	
Load Number	DR-1	21.3	16:31:33	7337978.70	938239.23	2.5		
Load 446	DR-2	20.8	16:33:47	7337674.23	938732.72	21.0	9.2	
Tidal Stage	DR-2R1	19.2	16:33:52	7337661.32	938727.18	21.0	9.2	
Ebb	DR-4	22.5	16:36:02	7337203.96	939002.04	5.8		
Dredge State:	DR-3	20.5	16:39:54	7338678.16	937893.32	2.8		
Overflow through								
skimmers only								
Weather:								
Clear								
Wind:								
0-5 kts								
Seas:								
0'-1'								
Disposal location								
Columbia River DWS				I				
Remarks:	:			Action Taken:				
Test DR-2 out of compl	iance, taken in th	e piume.		Re-test DR-2R1 was take Dredge moved away from		non compliance co	uura d	
				while continuing dredging		non-compliance occ	urrea	
				write continuing dreagit	ig.			
Sample Point Key	nple Point Key All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance	
DR-1	Background - 100' Up Current, Within 600-Foot of Channel							
DR-2	100' Down Curr	ent		OR	OR, WA			
DR-3	300' Radially from point of dredge (Port or Starboard)					WA	Not Required	
DR-4	900' Down Curr	ent from poin		WA	Not Required			
Rx	Indicates a Re-	Test where (x) is the Re-T	est number for that partic	cular point			

Project Name/Location:					Contract Number: W9127N-05-C-0012			
Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel								
Date: 07/04/2005				John Cannon (COE) contacted at 21:15				
Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)	
Load Number	DR-1	21.5	20:43:55	7339658.74	938101.37	3.5		
Load 447	DR-2	20.6	20:52:56	7339289.77	938269.03	16.5	8.7	
Tidal Stage	DR-2R1	20.5	20:53:01	7339285.81	938275.28	29.8	9.0	
Flood	DR-4	21.0	20:54:48	7339471.65	938273.52	17.2		
Dredge State:	DR-4R1	20.7	20:54:53	7339471.65	938273.52	18.5		
Overflow through	DR-3	20.2	20:57:44	7338771.2	938795.87	16.6		
skimmers only	DR-3R1	19.9	20:57:49	7338771.45	938801.94	12.1		
Weather:								
Cloudy								
Wind:								
0-5 kts								
<u>Seas:</u>								
0'-1'								
Disposal location								
Columbia River DWS								
Remarks:				Action Taken:				
Test DR-2 out of compli	· · · · · · · · · · · · · · · · · · ·			Re-test DR-2R1 was tal				
Test DR-3 out of compli				Re-test DR-3R1 was tal				
Test DR-4 out of compliance, no visible plume.				Re-test DR-4R1 was taken.				
10 minute delay between background and compliance				Dredge moved away from area where the non-compliance occurred				
samples, Captain on radio w/ other vessel. while continuing dredging.								
Sample Point Key All Tests Conducted With YSI 6600						Turbidity Compliance	DO Compliance	
DR-1	Background - 100' Up Current, Within 600-Foot of Channel							
DR-2	100' Down Current					OR	OR, WA	
DR-3	300' Radially from point of dredge (Port or Starboard)					WA	Not Required	
DR-4	900' Down Current from point of dredging					WA	Not Required	
	I = =							
Rx	Indicates a Re-T	est where (x) is the Re-T	est number for that partic	cular point			